

**产品名称: CD34 Rabbit Polyclonal Antibody**  
**产品货号: APRab08373**



## 产品概述 (Summary)

|                        |                                 |
|------------------------|---------------------------------|
| 产品名称 (Production Name) | CD34 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody      |
| 宿主 (Host)              | Rabbit                          |
| 应用 (Application)       | WB,IHC,ICC/IF,ELISA             |
| 种属反应性 (Reactivity)     | Human,Mouse                     |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | CD34                                                                                                    |
| 别名 (Alternative Names) | CD34; Hematopoietic progenitor cell antigen CD34; CD antigen CD34                                       |
| 基因 ID (Gene ID)        | 947.0                                                                                                   |
| 蛋白 ID (SwissProt ID)   | P28906.The antiserum was produced against synthesized peptide derived from human CD34. AA range:208-257 |

## 产品应用 (Application)

|                          |                                                                         |
|--------------------------|-------------------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | WB 1:500-1:2000,IHC 1:100-1:500,ICC/IF 1:100-1:500,ELISA 1:5000-1:20000 |
| 蛋白分子量 (Molecular Weight) | 110kDa                                                                  |

## 研究背景 (Background)

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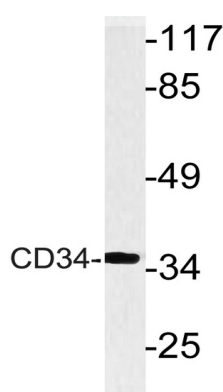


The protein encoded by this gene may play a role in the attachment of stem cells to the bone marrow extracellular matrix or to stromal cells. This single-pass membrane protein is highly glycosylated and phosphorylated by protein kinase C. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011], alternative products: Both isoforms are expressed on the cell surface. CD34-T/CD34-F ratio increases with cell differentiation, developmental stage: On early hematopoietic progenitor cells., disease: Abnormal CD34 expression in leukemogenesis., function: Possible adhesion molecule with a role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. Could act as a scaffold for the attachment of lineage specific glycans, allowing stem cells to bind to lectins expressed by stromal cells or other marrow components. Presents carbohydrate ligands to selectins., online information: CD34 entry, PTM: Highly glycosylated., PTM: Phosphorylated on serine residues by PKC., similarity: Belongs to the CD34 family., tissue specificity: Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues.,

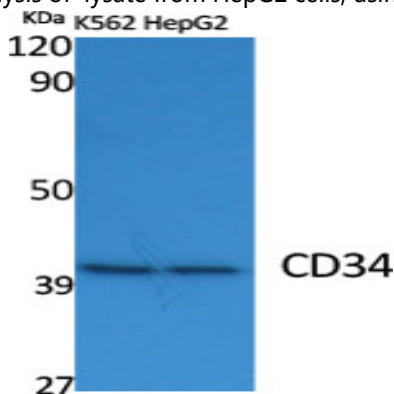
## 研究领域 (Research Area)

Cell adhesion molecules (CAMs); Hematopoietic cell lineage;

## 图片 (Image Data)

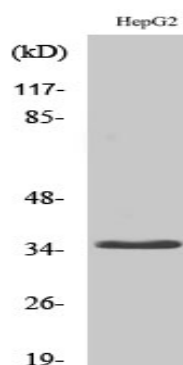


Western blot analysis of lysate from HepG2 cells, using CD34 antibody.

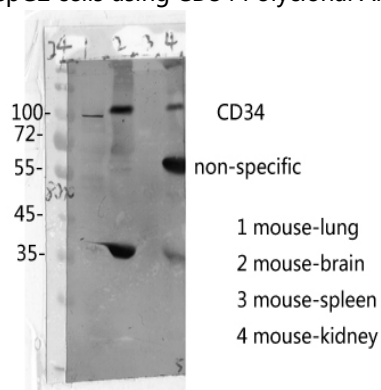


Western Blot analysis of various cells using CD34 Polyclonal Antibody diluted at 1: 2000

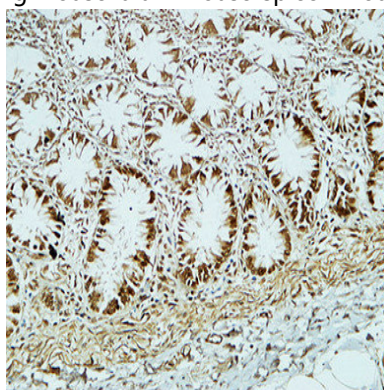
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Western Blot analysis of HepG2 cells using CD34 Polyclonal Antibody diluted at 1: 2000

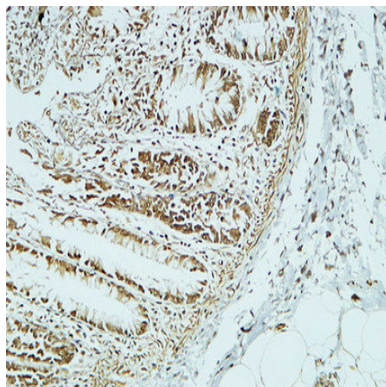


mouse-lung mouse-brain mouse-spleen mouse-kidney

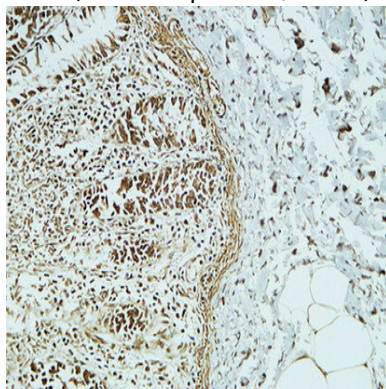


Immunohistochemical analysis of paraffin-embedded Human colon. 1, Antibody was diluted at 1:200 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .

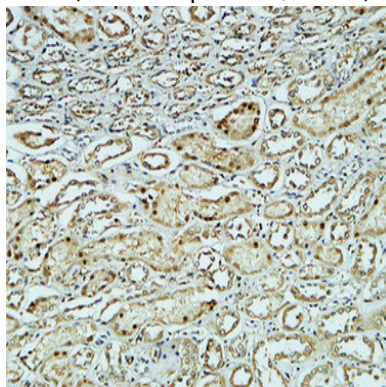
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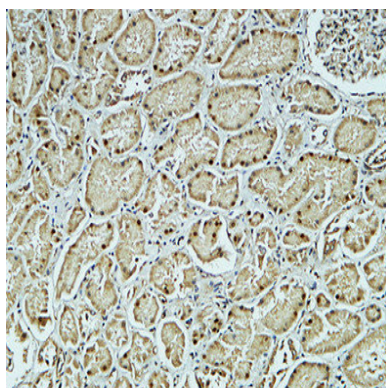


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Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:200 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .

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#### **注意事项 (Note)**

For research use only .